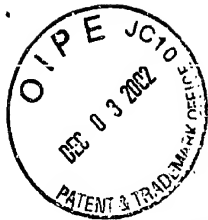


#25





4/12

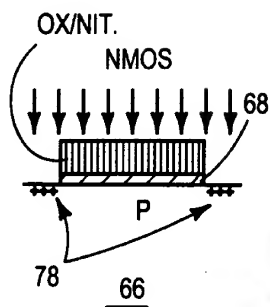


FIG. 10A

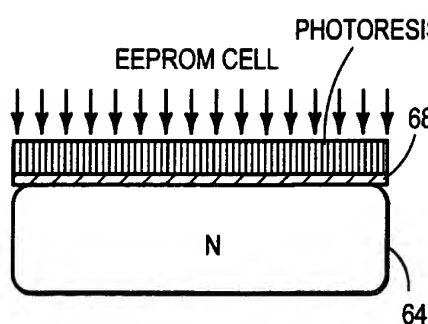


FIG. 10B

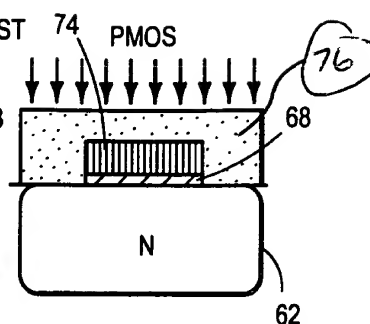


FIG. 10C

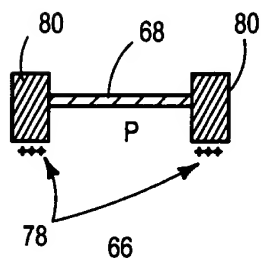


FIG. 11A

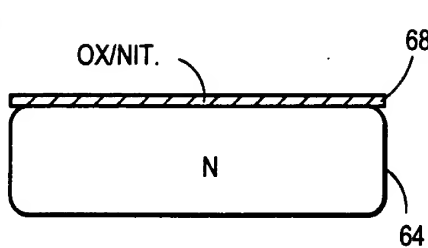


FIG. 11B

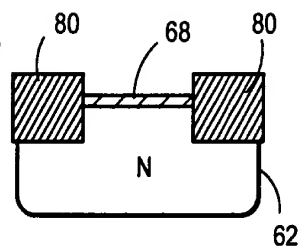


FIG. 11C

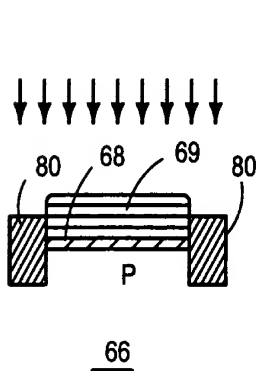


FIG. 12A

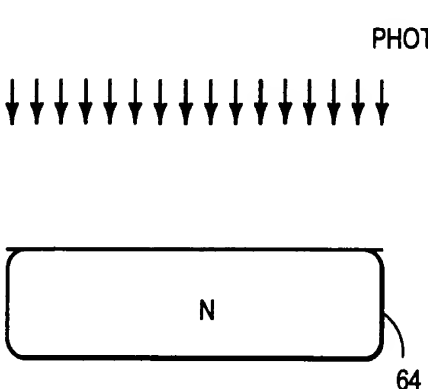


FIG. 12B

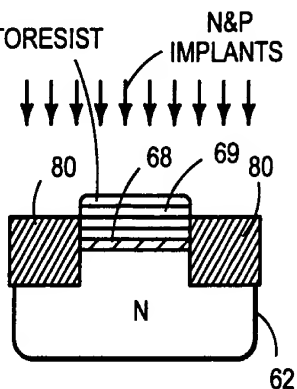
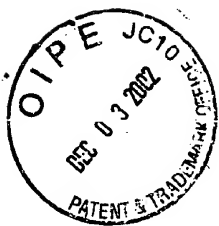


FIG. 12C



5/12

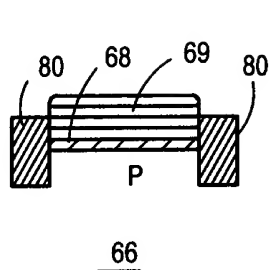


FIG. 13A

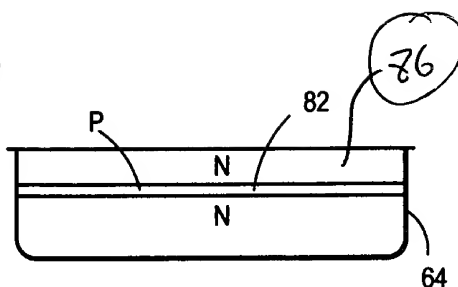


FIG. 13B

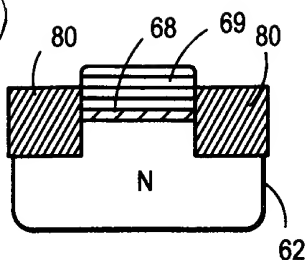


FIG. 13C

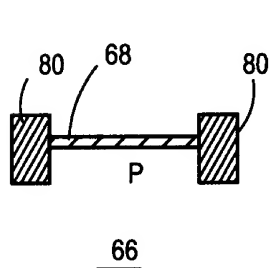


FIG. 14A

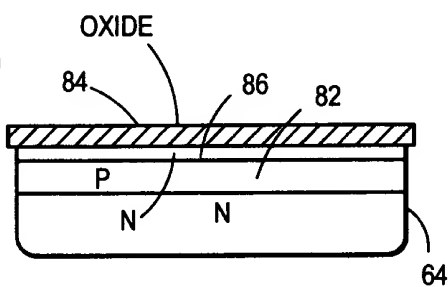


FIG. 14B

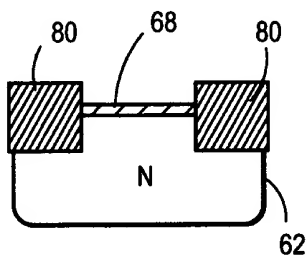


FIG. 14C

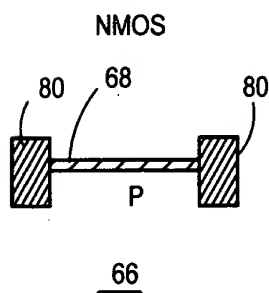


FIG. 15A

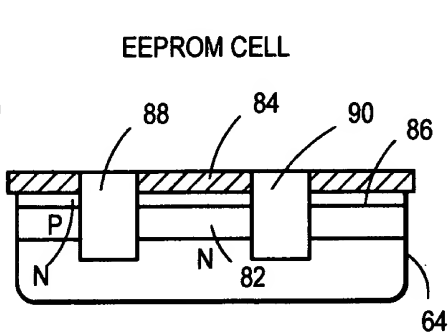


FIG. 15B

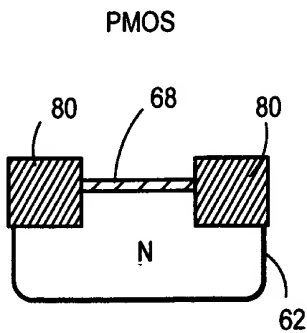


FIG. 15C

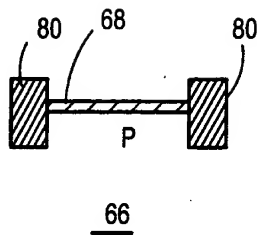


FIG. 19A

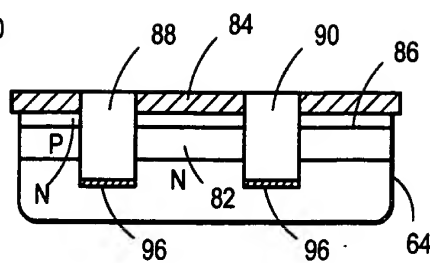


FIG. 19B

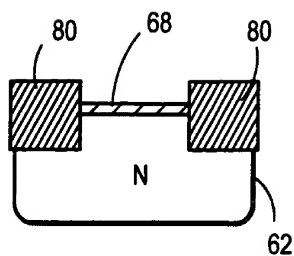


FIG. 19C

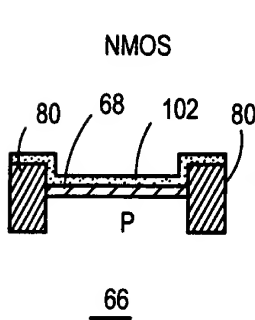


FIG. 20A

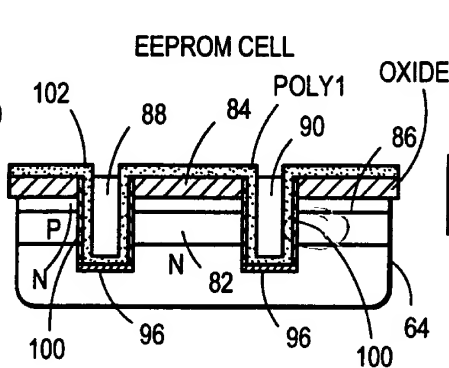


FIG. 20B

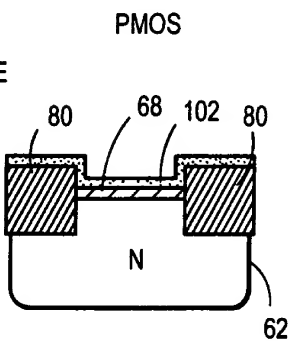


FIG. 20C

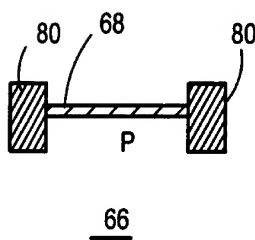


FIG. 21A

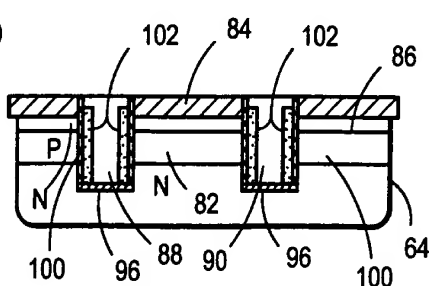


FIG. 21B

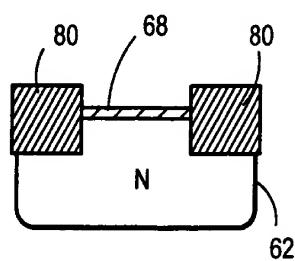


FIG. 21C



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9/12

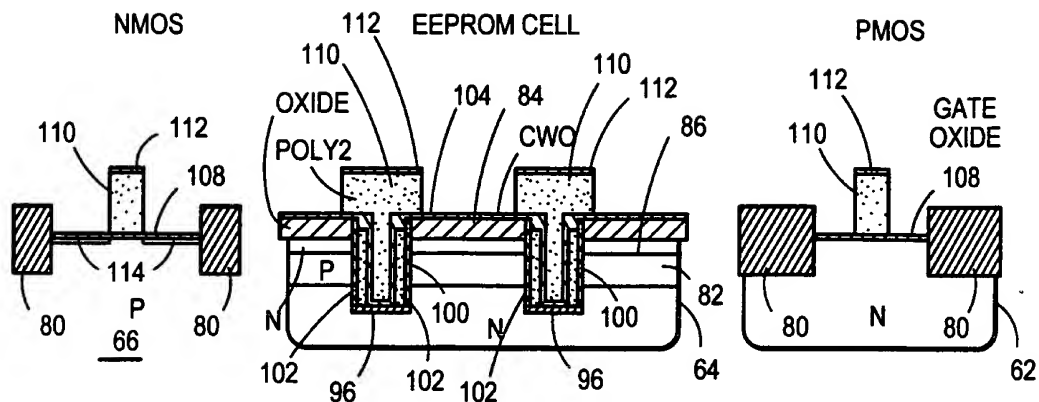


FIG. 25A

FIG. 25B

FIG. 25C

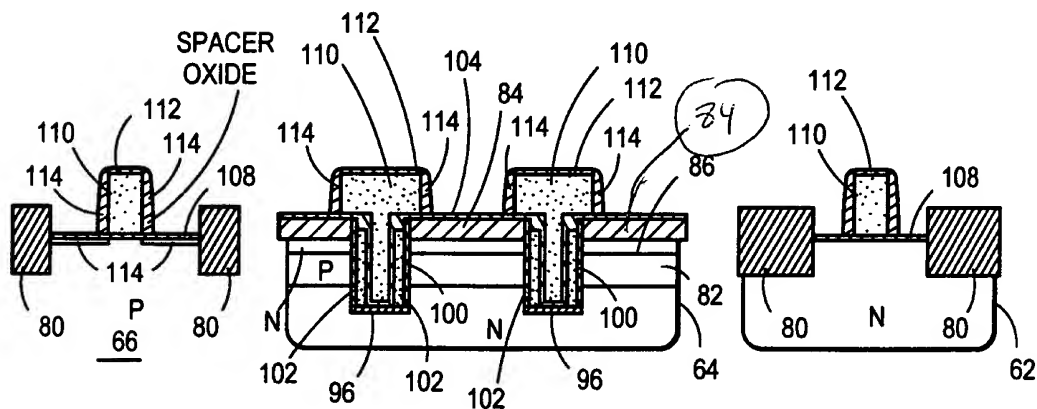


FIG. 26A

FIG. 26B

FIG. 26C

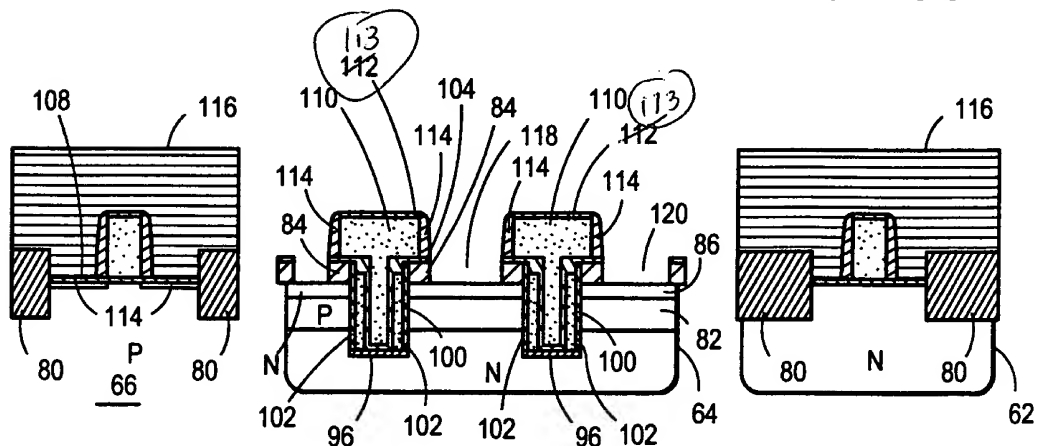
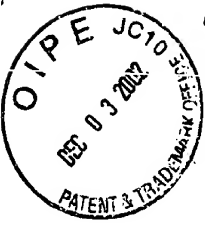


FIG. 27A

FIG. 27B

FIG. 27C



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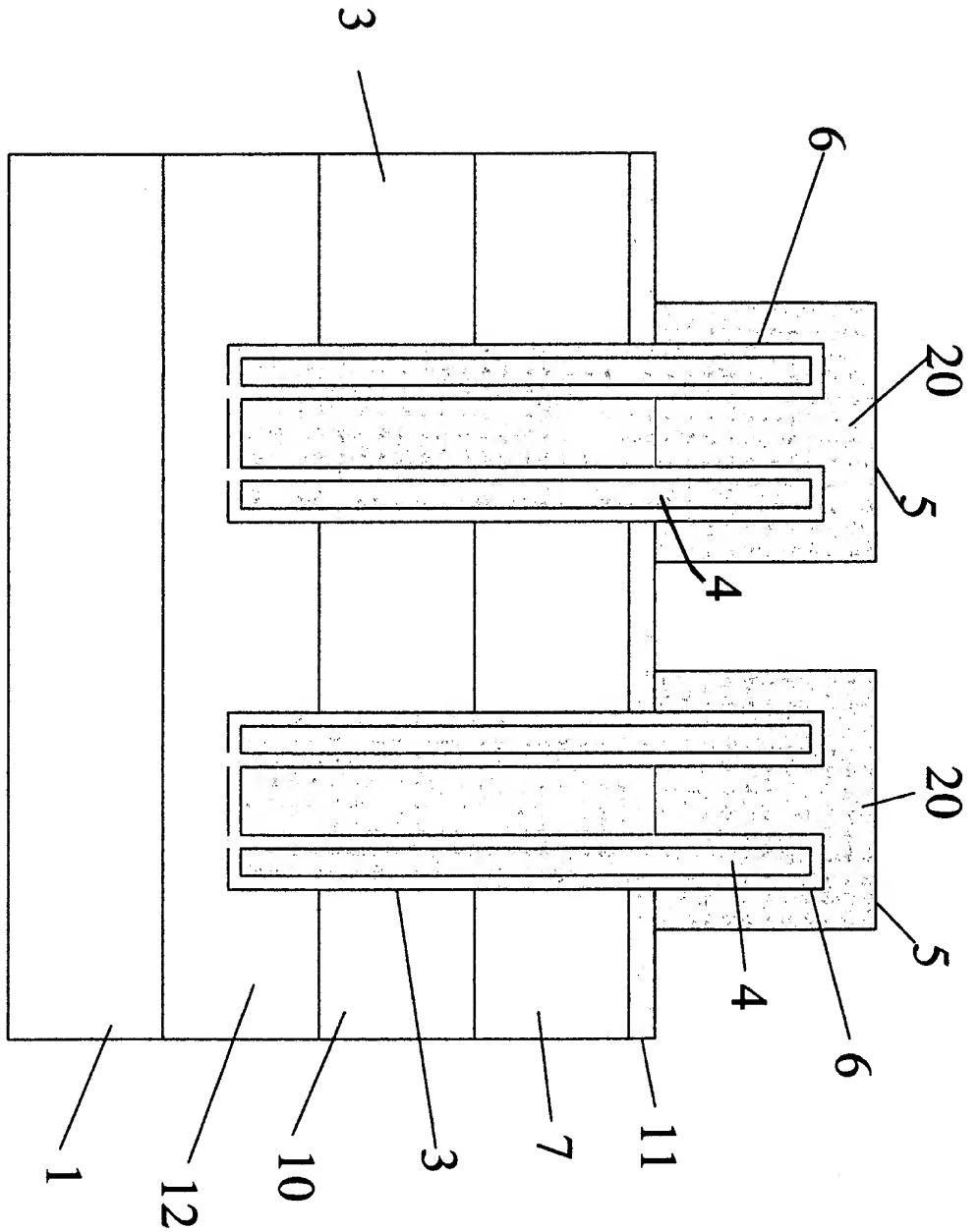
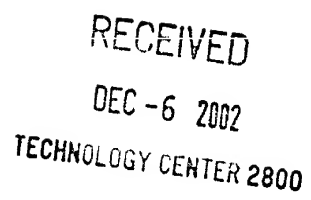
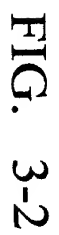


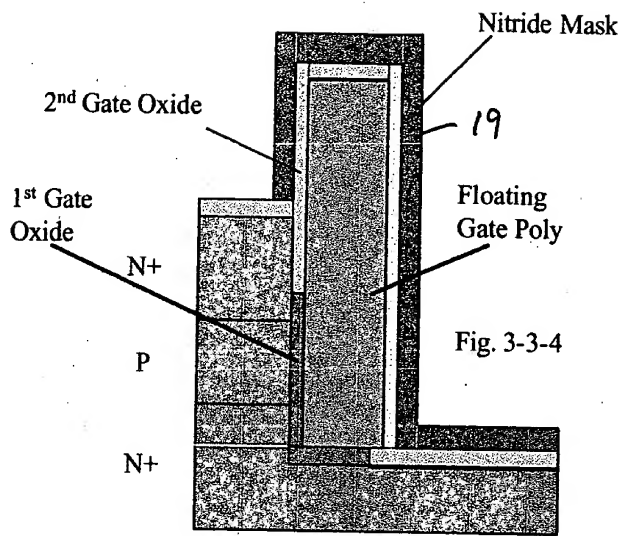
FIG. 3



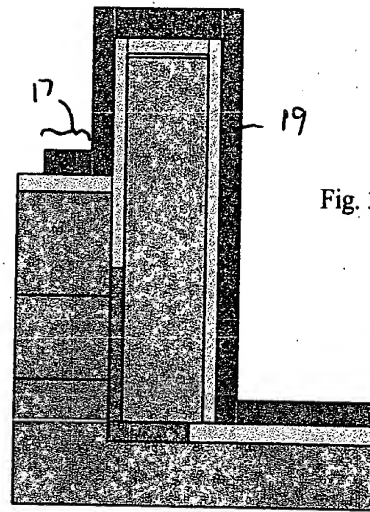
Area 6-1 = C1
Area 6-2 = C2
Of Equation (1)
Below line 40
Of Yoshida 3



(GREEN)

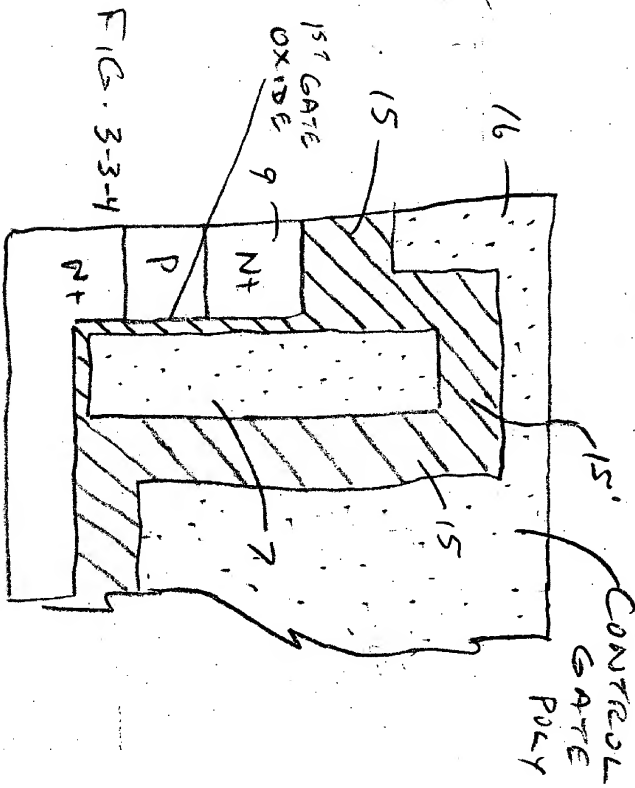
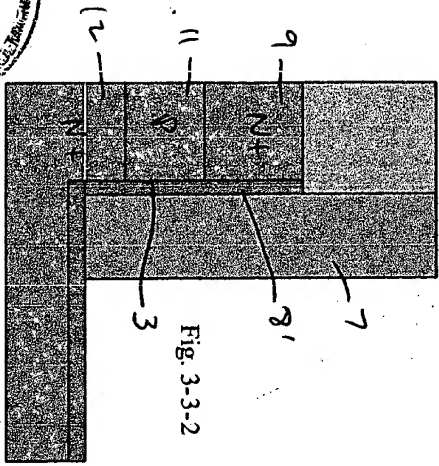
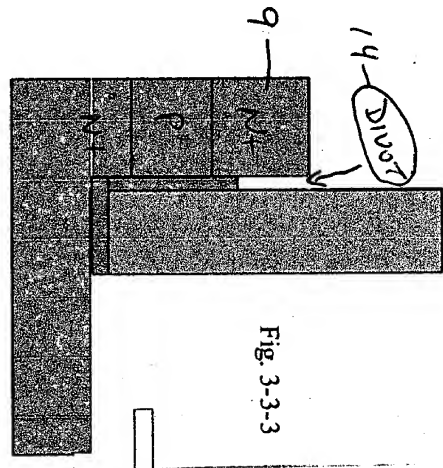
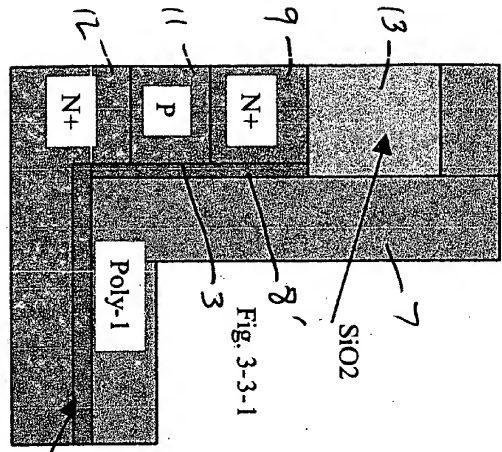


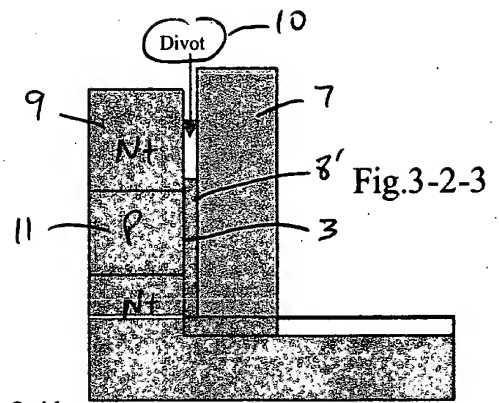
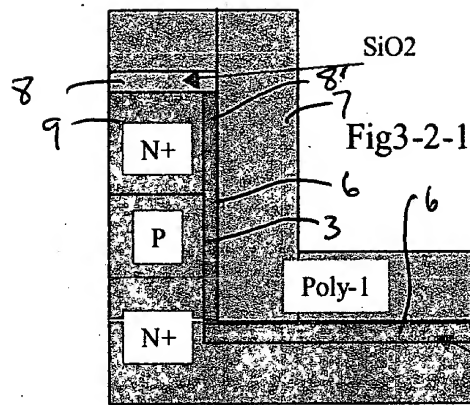
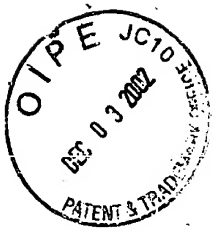
EXACT ALIGNMENT



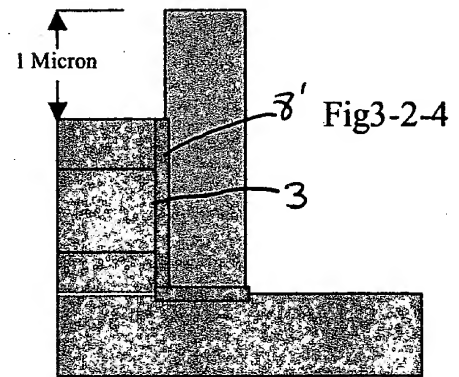
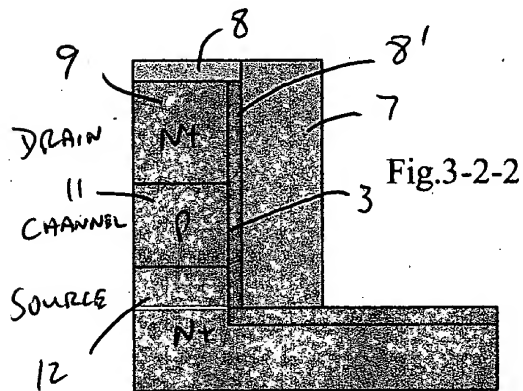
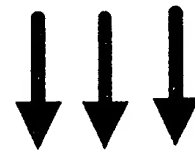
TYPICAL
~~MYS-ALIGNMENT~~
MISALIGNMENT

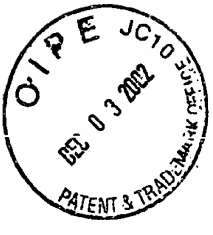
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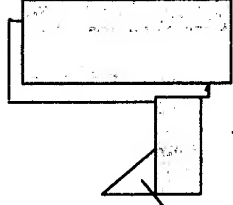


Not Possible



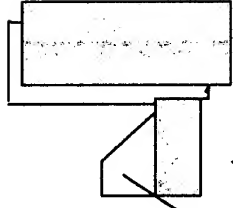


Actual Structure



Thermally Grown
Field Oxide

Actual Structure



Thermally Grown
Field Oxide

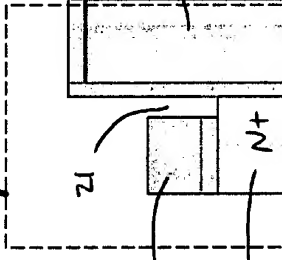


Fig.3-3-8

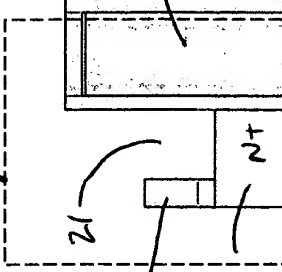
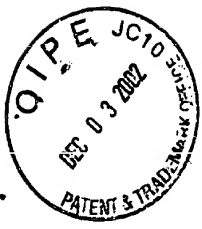


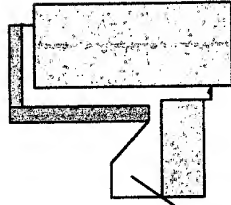
Fig.3-3-9

Ideal Structure

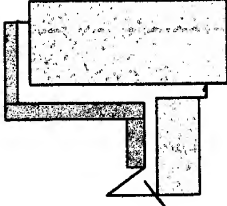
Ideal Structure



Actual Structure

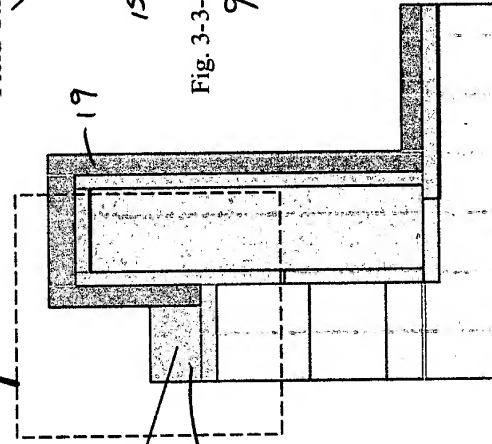


Actual Structure

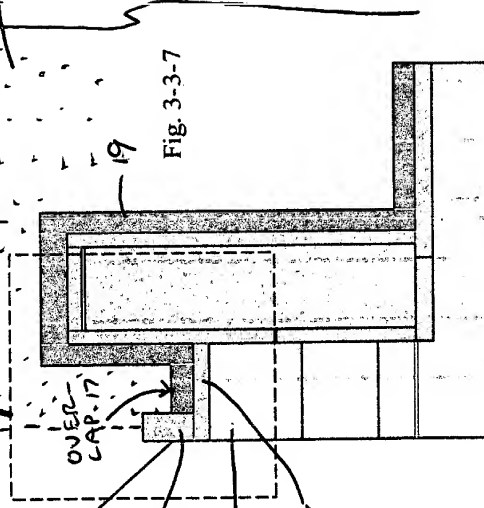


CONTROL
GATE POLY
16

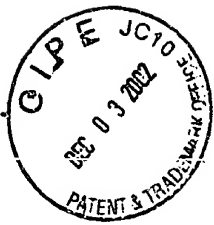
Thermally Grown
Field Oxide



Ideal Structure



Ideal Structure



Shorts

Fig.3-3-11

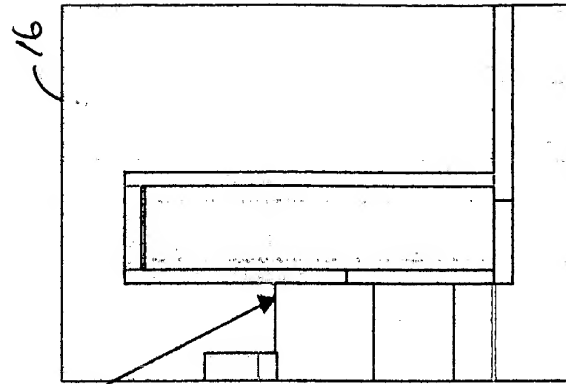
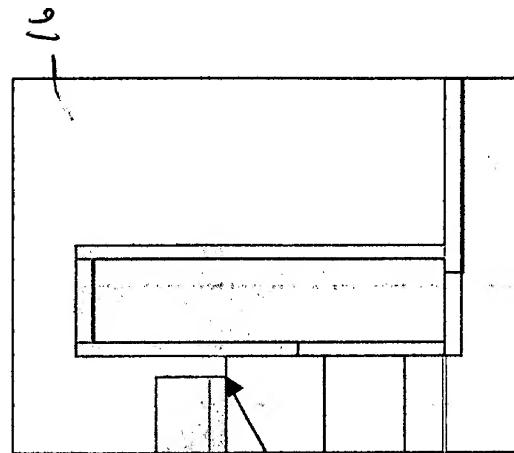


Fig.3-3-10

CONTROL
GATE



Shorts